

# Product Datasheet

## MYBPH Antibody (1F11) - Azide and BSA Free H00004608-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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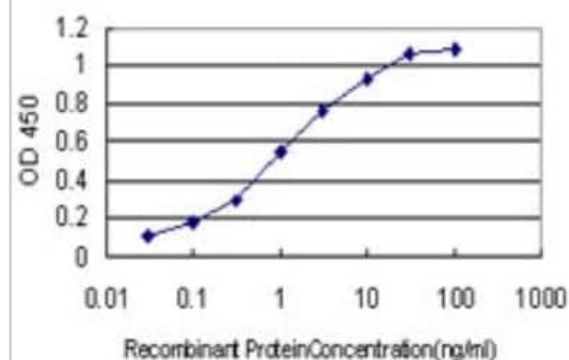
**H00004608-M01**

MYBPH Antibody (1F11) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1F11
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4608
Gene Symbol	MYBPH
Species	Human, Mouse, Porcine, Bovine
Reactivity Notes	Bovine reactivity reported in multiple pieces of scientific literature.
Specificity/Sensitivity	MYBPH - myosin binding protein H
Immunogen	MYBPH (AAH44226, 1 a.a. ~ 477 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MMEKNTSEGPACSPHEETASESAKVPTAEPPEVAVSESTREEQVPKPQAPAP QAPTASTATKPAPSEDVPSAPLLLLLDDVSSSSVTVSWEPERLGRGLQGY VLELCREGASEWVPVSARPMVVTQQTVRNLALGDKFLLRVSAVSSAGAGPPA MLDQPIHIRENIEAPKIRVPRHLRQTYIRQVGETVNLQIPFQGKPKPQATWTHNG HALDSQRVSMRTGDQDSILFIRSAQRSDSGRYELTVRVEDLEAKAVIDILVIEKP GPPSSIRLLDVWGCNAALQWTPPQDTGNTPELLGYMVQKADKKTGWFTVLER YHPTTCTISDLIIGNSYSFRVFSENLGLSTSATVTKELAHIQKADIAAKPKGFIER DFSEAPSFTQPLADHTSTPGYSTQLFCSVRASPCKPKIWMKNKMEIQGNPKYRA LSEQGVCTLEIRKPSPFDSGVYTCKAINVLGEASVDCRLEVKASAAH
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Dot Blot, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control. Use in Dot blot reported in scientific literature (PMID: 26344128).

## Images

Sandwich ELISA: MYBPH Antibody (1F11) [H00004608-M01] - Detection limit for recombinant GST tagged MYBPH is approximately 0.03ng/ml as a capture antibody.



## Publications

Gagaoua M, Terlouw EMC, Picard B. et al. The study of protein biomarkers to understand the biochemical processes underlying beef color development in young bulls. *Meat Sci* 2017-07-18 [PMID: 28750331]

Chaze T, Meunier B, Chambon C et al. Proteome dynamics during contractile and metabolic differentiation of bovine foetal muscle. *Animal*. 2009-01-01 [PMID: 22444818]

Guillemin N, Bonnet M, Jurie C et al. Functional analysis of beef tenderness. *J Proteomics* 2011-08-09 [PMID: 21855665]

Xu Y, Qian H, Feng X et al. Differential proteome and transcriptome analysis of porcine skeletal muscle during development. *J Proteomics*. 2012-01-17 [PMID: 22270015]

Picard B, Gagaoua M, Micol D et al. Inverse relationships between biomarkers and beef tenderness according to contractile and metabolic properties of the muscle. *J Agric Food Chem* 2014-08-24 [PMID: 25175407]

Gagaoua M, Terlouw EMC, Boudjellal A, Picard B. Coherent correlation networks among protein biomarkers of beef tenderness: What they reveal. *Journal of proteomics* 2015-10-14 [PMID: 26344128] (Cytometric Bead Assay Standard, WB, Bovine)

Chelh I, Meunier B, Picard B et al. Molecular profiles of Quadriceps muscle in myostatin-null mice reveal PI3K and apoptotic pathways as myostatin targets. *BMC Genomics*;10:196. 2009-04-27 [PMID: 19397818]



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### **Products Related to H00004608-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00004608-P01-10ug	Recombinant Human MYBPH GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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